

REMARKS

Applicants thank the Examiner for the thorough consideration given the present application. Claims 1-20 are currently being prosecuted. The Examiner is respectfully requested to reconsider his rejection in view of the amendments and remarks as set forth below.

Figures 1A, 1B, 2, 3A, 3B and 3C have been amended to simply reference the jointing part with reference numeral 1311. Approval of these corrected drawings is requested.

Rejection under 35 USC 102

Claims 1 and 3-5 stand rejected under 35 USC 102 as being anticipated by EDLINGER (U.S. Patent 6,024,453). This rejection is respectfully traversed.

The Examiner states that EDLINGER shows a color filter 12, a motor having a housing 11 and motor body 23, a fixing element 24, and an outwardly extending holder 3. Applicants submit that claim 1 is not anticipated by this reference.

Claim 1 now describes the color wheel as having a color filter, a motor having a housing and a motor body, and a fixing element on which the motor body is fixed. The outwardly extending holder has a jointing part. In the EDLINGER reference, the filter segments 12 are carried by a carrier 11, which is not a motor housing. The motor has a carrier 24 mounted thereon, on which a

position sensor 3 is located. The sensor is used to determine the position of the carrier wheel 11 by determining the presence of the position marker 16 on the carrier 11.

Applicants submit that the carrier 11 is not part of the motor and is specifically not the motor housing. Further, the position sensor 3 is not an outwardly extending holder since it does not hold anything. Moreover, the contacting area between the rotational position sensor 3 and the carrier 24 (as shown in Fig. 2a, for example) is much less than the contacting area between the jointing part and the light integration rod in the present invention so that the relative position between the rotational position sensor 3 and the position marker 16 may be moved.

In the present invention, the outwardly extending holder has a jointing part such as 1311 in amended Fig. 1A. This jointing part is jointed with the element, for example, the optical element. The jointing part may be jointed with the optical element by way of adhering, riveting or screwing and so on. Because the contacting area between the jointing part and the optical element is large enough to fix the optical element tightly, the relative position between the color wheel and the light integration rod may not be moved. For independent claim 1, it is set forth that the present invention has a jointing part.

Turning to dependent claim 19, it is noted that the fixing element fixes the color wheel to a projector. The carrier 24 of

EDLINGER is not a fixing element used to fix the color wheel to a projector. In fact, it appears that the carrier 24 is only used to hold the position sensor 3 and is not used to fix the color wheel to anything. Accordingly, Applicants submit that claim 1 is not anticipated by EDLINGER. Claims 2-5, 18 and 19 depend from claim 1 and, as such, are also considered to be allowable.

Claims 6-9 and 15 stand rejected under 35 USC 102 as being anticipated by ACKER (U.S. Patent 4,527,186). This rejection is respectfully traversed.

The Examiner states that ACKER shows a color filter 18, a motor with housing 20 and body 21, a fixing element 35 and auxiliary fixing element 36 carrying the outwardly extending holder 27.

Applicants disagree with the Examiner's interpretation of this reference. First, the motor 21 does have a body, however, the arbor 20 is not a housing of the motor. Further, the mounting plate 35 is used to mount the system on a base, however, wall support 36 is not an auxiliary fixing element but instead used to support the rotating mask turntable or window 36 (column 8, lines 20-22). Further, claim 6 also describes the auxiliary fixing element as being set on and adjacent to the fixing element. This is clearly not the case in the ACKER reference, where the two plates are perpendicular to each other. Instead, the present invention utilizes two plates which are adjacent to each other and solidly

fixed to each other. Accordingly, Applicants submit that claim 6 is likewise allowable. Claims 7-15 depend from claim 6 and, as such, are also considered to be allowable.

Rejection under 35 USC 103

Claim 2 stands rejected under 35 USC 103 as being obvious over EDLINGER. This rejection is respectfully traversed.

Applicants submit that this claim is allowable based on its dependency from allowable claim 1.

Claims 10-14 stand rejected under 35 USC 103 as being obvious over ACKER. This rejection is respectfully traversed.

Applicants submit that these claims are also allowable based on their dependency from allowable claim 6.

Applicants have added new claims 16-20 to further set out patentable limitations of the invention. Claim 16 describes the use of the auxiliary fixing element for mounting the color wheel to the projector. This is similar to the language in claim 1. Claims 17 and 18 describe that the holder is used to hold an optical element. This is not seen in either of the references.

Conclusion

In view of the above remarks, it is believed that the claims clearly distinguish over the patents relied upon by the Examiner, either alone or in combination. In view of this, reconsideration of

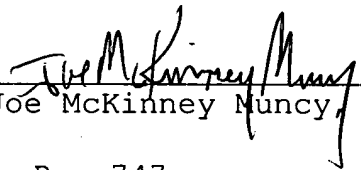
the' rejections and allowance of all claims are respectfully requested.

In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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